BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF PROJECT : CONSTRUCTION OF SAMUDHAYA BHAVANA AND GYM AT YELAHANKA OLD TOWN IN WARD NO.2

								Est.Cost.Rs.	10000000.00
	Description of Item	**Unit**	**No**	**L**	**B**	**D**	**QTY**	**Rate**	**Amount**
1	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. **i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20.** Pg No.136 Item No. 18.18								
	roof area	sqm	2	7.50	3.00	0.20	9.00		
							9.00	**375.24**	**3377.16**
	Basic rate	354.00							
	Area weightage 6%	21.24							
	Total	**375.24**							
2	KSRRB M200-12.1.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including T&P and scaffoldingwherever necessary, sorting the dismantled material, disposal ofunserviceable material and stacking the serviceable material with all liftscomplete as per specifications.**Prestressed / Reinforced cement concrete grade M-20 & above.** Pg No. 136 Item no.18.19								
	roof area	Cum	2	7.50	3.00	0.15	6.75		
							6.75	**1022.90**	**6904.58**
	Basic rate	965.00							
	Area weightage 6%	57.9							
	Total	**1022.9**							
3	Dismantling Mangalore tiles roof and stacking the material within a radius of 50 meters.with reepers Pg No.257 Item No.37.42.1								
	Mangalore Tiles Roofing	sqm	1	25.00	7.50		187.50		
							187.50	**46.64**	**8745.00**
	Basic rate	44.00							
	Area weightage 6%	2.64							
	Total	**46.64**							
4	KSRRB M200-16KSRRB M200-12.1.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry,cement concrete, wood work, steel work, including T&P and scaffoldingwherever necessary, sorting the dismantled material, disposal ofunserviceable material and stacking the serviceable material with all liftscomplete as per specifications **iv) Dismantling wood work wrought framed and fixed in frames of trusses upto a Height of 5m above Plinth Level** Item No.18.32 Pg No.137								
	below mangalore tiles	cum	26	7.50	0.15	0.15	4.39		
	above stone pillers	Cum	1	25.00	0.15	0.15	0.56		
							4.95	**439.90**	**2177.51**
	Basic rate	415.00							
	Area weightage 6%	24.9							
	Total	**439.9**							

5	KSRRB M200-14.2.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications **Dismantling brick/Tile work B. In cement mortar**. Pg No.136 Item No.18.23								
	For all walls except Mangalore tiles front wall	cum	1	120.50	0.23	3.00	81.34		
	Mangalore tiles front wall	cum	1	25.00	0.23	2.44	13.72		
	SSM for compound wall	cum	1	31.00	0.20	1.80	11.16		
							106.22	**245.92**	**26120.89**
	Basic rate	232.00							
	Area weightage 6%	13.92							
	Total	**245.92**							
6	KSRRB M200- 15.2. Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications.**Rubble stone masonry in cement mortar**.Pg No.137 Item No.18.27								
	SSM for building	cum	1	120.50	0.45	0.90	48.80		
	SSM for compound	cum	2	31.00	0.45	0.60	16.74		
							65.54	**245.92**	**16118.21**
	Basic rate	232.00							
	Area weightage 6%	13.92							
	Total	**245.92**							
7	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms).P.No.255, I.No.37.51								
	SSM footing for BBM walls	sqm	6	4.17	5.70		142.61		
	SSM for compound wall	sqm	2	3.00	7.50		45.00		
							187.61	**54.06**	**10142.41**
	Basic rate	51.00							
	Area weightage 6%	3.06							
	Total	**54.06**							
8	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 Pg No 5,Item No 2.4,								
	COMPOUND WALL	cum	2	33.50	0.90	1.05	63.32		
		cum	1	18.20	0.90	1.05	17.20		
	Footings C1	cum	9	3.71	3.71	1.70	210.59		
	C2	cum	5	3.30	3.30	1.70	92.57		
	C3	cum	2	2.90	2.00	1.70	19.72		
	CF1	cum	1	3.86	2.20	1.70	14.44		
	CF2	cum	1	8.46	2.30	1.70	33.08		
	CF3	cum	1	5.80	3.33	1.70	32.83		
	SSM footing	cum	1	14.20	0.75	1.05	11.18		
		cum	1	10.00	0.75	1.05	7.88		
		cum	2	4.61	0.75	1.05	7.26		
	Plinth Beam								
	PB1	cum	1	4.68	0.45	0.15	0.32		

	PB2	cum	1	4.90	0.45	0.15	0.33		
	PB3	cum	5	0.29	0.45	0.15	0.10		
		cum	1	0.49	0.45	0.15	0.03		
		cum	1	0.40	0.45	0.15	0.03		
		cum	1	0.05	0.45	0.15	0.00		
		cum	1	1.05	0.45	0.15	0.07		
		cum	1	2.65	0.45	0.15	0.18		
		cum	1	3.20	0.45	0.15	0.22		
	PB4	cum	2	1.10	0.45	0.15	0.15		
		cum	2	0.29	0.45	0.15	0.04		
		cum	2	0.05	0.45	0.15	0.01		
	For sump	cum	1	2.20	2.20	2.20	10.65		
							522.17	**283.02**	**147785.29**
	Basic rate	267.00							
	Area weightage 6%	16.02							
	Total	**283.02**							
9	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS Pg No 6,Item No 2.15								
	FOOTINGS								
	C1	cum	9	3.71	3.71	0.20	24.78		
	C2	cum	5	3.30	3.30	0.20	10.89		
	C3	cum	2	2.90	2.00	0.20	2.32		
	CF1	cum	1	3.86	2.20	0.20	1.70		
	CF2	cum	1	8.46	2.30	0.20	3.89		
	CF3	cum	1	5.80	3.33	0.20	3.86		
							47.44	**2133.78**	**101222.64**
	Basic rate	2013.00							
	Area weightage 6%	120.78							
	Total	**2133.78**							
10	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at two m.apart in each course including cost of materials, labour, curing completeas per specifications.KBS 5.1.13 Pg No 23 item No 5.6								
	COMPOUND WALL								
	Step 1	cum	2	33.50	0.60	0.40	16.08		
	Step 2	cum	2	33.50	0.45	0.40	12.06		
	Step 1	cum	1	18.20	0.60	0.40	4.37		
	Step 2	cum	1	18.20	0.45	0.40	3.28		
	SSM footing								
	Step 1	cum	1	14.20	0.60	0.40	3.41		
	Step 2	cum	1	14.20	0.45	0.40	2.56		
	Step 1	cum	1	10.00	0.60	0.40	2.40		
	Step 2	cum	1	10.00	0.45	0.40	1.80		
	Step 1	cum	2	4.61	0.60	0.40	2.21		
	Step 2	cum	2	4.61	0.45	0.40	1.66		
							49.82		
	Dismantling SSM Quantity=65.54cum	Reuse 40%		65.54			**26.22**		
							23.60	**4058.74**	**95805.83**

	Basic rate	3829.00							
	Area weightage 6%	229.74							
	Total	**4058.74**							
11	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6,edges of stone chistei dressed in courses not less than 15 cms high, bond stones at two m.apart in each course including cost of materials, labour, curing completeas per specifications.KBS 5.1.13 Pg No 23 item No 5.9								
	COMPOUND WALL	cum	2	33.50	0.45	0.40	12.06		
		cum	1	18.20	0.45	0.40	3.28	4905.36	75248-22
		4542					**15.34**	**4058.74**	**62244.84**
	Basic rate	3829.00							
	Area weightage 6%	229.74	363.36						
	Total	**4058.74**	4905.36						
12	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.12 Item No 4.3								
	Footings C1	cum	9	3.71	3.71	0.15	18.58		
	C2	cum	5	3.30	3.30	0.15	8.17		
	C3	cum	2	2.90	2.00	0.15	1.74		
	CF1	cum	1	3.86	2.20	0.15	1.27		
	CF2	cum	1	8.46	2.30	0.15	2.92		
	CF3	cum	1	5.80	3.33	0.15	2.90		
	SSM footing	cum	1	11.00	0.60	0.15	0.99		
		cum	1	8.00	0.60	0.15	0.72		
		cum	2	4.61	0.60	0.15	0.83		
	COMPOUND WALL	cum	2	33.50	0.60	0.15	6.03		
		cum	1	18.20	0.60	0.15	1.638		
	Plinth Beam								
	PB1	cum	1	4.68	0.45	0.10	0.21		
	PB2	cum	1	4.90	0.45	0.10	0.22		
	PB3	cum	5	0.29	0.45	0.10	0.07		
		cum	1	0.49	0.45	0.10	0.02		
		cum	1	0.40	0.45	0.10	0.02		
		cum	1	0.05	0.45	0.10	0.00		
		cum	1	1.05	0.45	0.10	0.05		
		cum	1	2.65	0.45	0.10	0.12		
		cum	1	3.20	0.45	0.10	0.14		
	PB4	cum	2	1.10	0.45	0.10	0.10		
		cum	2	0.29	0.45	0.10	0.03		
		cum	2	0.05	0.45	0.10	0.00		
	For sump	Cum	1	2.20	2.20	0.10	0.48		
	plinth area	Cum	1	27.70	13.40	0.10	37.12		
							84.37	**4976.70**	**419866.59**
	Basic rate	4695.00							
	Area weightage 6%	281.7							
	Total	**4976.7**							

13	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 Pg No.5 Item No.2.10								
	Filling in foundations								
	Excavated earth quantity	Cum	From SL no 1				**522.17**		
	Footings								
	C1	cum	9	3.71	3.71	0.70	86.71		
	C2	cum	5	3.30	3.30	0.75	40.84		
	C3	cum	2	2.90	2.00	0.95	11.02		
	CF1	cum	1	3.86	2.20	1.05	8.92		
	CF2	cum	1	8.46	2.30	0.65	12.65		
	CF3	cum	1	5.80	3.33	1.00	19.31		
	Column below GL						0.00		
	C1	cum	9	0.40	0.60	0.70	1.51		
	C2	cum	5	0.40	0.60	0.75	0.90		
	C3	cum	2	0.40	0.60	0.95	0.46		
	C3	cum	1	0.40	0.60	0.35	0.08		
	C1	cum	1	0.40	0.60	0.35	0.08		
	C2	cum	2	0.40	0.60	0.45	0.22		
	LB1	cum	2	2.20	0.20	1.70	1.50		
	LB2	cum	2	1.80	0.20	1.70	1.22		
	CF2_beam	cum	1	8.46	0.40	0.70	2.37		
	CF3_beam	cum	1	5.80	0.60	0.55	1.91		
	Compound wall quantity						0.00		
		cum	2	33.50	0.75	0.90	45.23		
		cum	1	18.20	0.75	0.90	12.29		
	Sump Quantity	cum					3.34		
							250.55		
							271.62	**127.20**	**34549.83**
	Basic rate	120.00							
	Area weightage 6%	7.20							
	Total	**127.2**							
14	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. Pg No.147 Item No.19.60								
	Building Area	Cum	1	17.50	14.20	0.15	37.28		
							37.28	**305.28**	**11379.31**
	Basic rate	288.00							
	Area weightage 6%	17.28							
	Total	**305.28**							
15	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 Pg No 15,Item No 4.28								
	Footings C1	Sqm	9	14.84		0.65	86.81		
	C2	Sqm	5	13.20		0.60	39.60		
	C3	Sqm	2	9.80		0.40	7.84		
	CF1	Sqm	1	12.12		0.30	3.64		

	CF2	Sqm	1	21.52		0.30	6.46		
	CF3	Sqm	1	18.26		0.35	6.39		
	LB1	Sqm	2	4.80		1.70	16.32		
	LB2	Sqm	2	4.00		1.70	13.60		
	CF2_beam	Sqm	1	17.72		0.70	12.40		
	CF3_beam	Sqm	1	12.80		0.55	7.04		
							200.10	**239.56**	**47936.20**
	Basic rate	226.00							
	Area weightage 6%	13.56							
	Total	**239.56**							
16	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 Pg No 15,Item No 4.31								
	Plinth Beam								
	PB1	Sqm	2	8.58		0.60	10.30		
	PB2	Sqm	2	7.60		0.40	6.08		
	PB3	Sqm	4	3.50		0.40	5.60		
		Sqm	8	3.40		0.40	10.88		
		Sqm	2	3.40		0.40	2.72		
		Sqm	2	3.20		0.40	2.56		
		Sqm	2	1.75		0.40	1.40		
		Sqm	2	3.81		0.40	3.05		
		Sqm	2	3.81		0.40	3.05		
		Sqm	2	5.05		0.40	4.04		
		Sqm	2	5.15		0.40	4.12		
	PB4	Sqm	4	4.00		0.40	6.40		
		Sqm	4	3.60		0.40	5.76		
		Sqm	4	2.10		0.40	3.36		
	Sump walls	Cum	8	2.20		1.80	31.68		
							100.99	**301.04**	**30402.39**
	Basic rate	284.00							
	Area weightage 6%	17.04							
	Total	**301.04**							
17	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 16,Item No 4.32								
	column below GL								
	C1	Sqm	9	2.00		0.80	14.40		
	C2	Sqm	5	2.00		0.85	8.50		
	C3	Sqm	2	2.00		1.05	4.20		
	C1	Sqm	1	2.00		0.45	0.90		
	C3	Sqm	1	2.00		0.45	0.90		
	C2	Sqm	2	2.00		0.55	2.20		
	column upto beam bottom								
	C1	Sqm	10	2.00		2.70	54.00		
	C2	Sqm	7	2.00		3.00	42.00		
	C3	Sqm	3	2.00		3.00	18.00		

	C4	Sqm	4	1.20		3.20	15.36		
							160.46	**376.30**	**60381.10**
	Basic rate	355.00							
	Area weightage 6%	21.30							
	Total	**376.3**							
	First floor								
	C1	Sqm	10	2.00		3.10	62.00		
	C2	Sqm	7	2.00		3.40	47.60		
	C3	Sqm	3	2.00		3.40	20.40		
	C4	Sqm	4	1.20		3.60	17.28		
							147.28	**381.60**	**56202.05**
	Basic rate	355.00							
	Add lift charges for first floor	5.00							
	sub total	360.00							
	Area weightage 6%	21.60							
	Total	**381.60**							
18	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness 200 mm including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 15,Item No 4.18								
	Ground floor roof Slab	Sqm	1	28.10	13.80		387.78		
	Sump Top Slab	Sqm	1	1.95	1.95		3.80		
	Deduction						**391.58**		
	lift and staircase area	Sqm	1	4.61	3.35		15.44		
							376.14	**323.30**	**121605.74**
	Basic rate	305.00							
	Area weightage 6%	18.30							
	Total	**323.3**							
	First floor roof Slab	Sqm	1	28.10	13.80		387.78		
							387.78	**328.60**	**127424.51**
	Basic rate	305.00							
	Add lift charges for first floor	5.00							
	sub total	310.00							
	Area weightage 6%	18.60							
	Total	**328.60**							
19	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2Pg No 16,Item No 4.34								
	Ground floor roof								
	B1	Sqm	2	13.80		0.45	12.42		
	B2	Sqm	10	13.80		0.75	103.5		
	B3	Sqm	2	9.68		0.45	8.712		
	B4	Sqm	2	5.75		0.45	5.175		
	B5	sqm	2	4.92		0.45	4.428		
	B6	sqm	2	5.75		0.45	5.175		
	B7	sqm	2	4.92		0.45	4.428		
	B8	sqm	2	9.68		0.45	8.712		
	B9	sqm	2	28.50		0.25	14.25		
	B10	sqm	2	28.50		0.25	14.25		

	Lift Beam	sqm	4	2.05		0.40	3.28		
		sqm	4	2.20		0.40	3.52		
	Lintels	sqm	4	14.20		0.30	17.04		
		sqm	6	17.50		0.30	31.50		
							236.39		
	Deductions								
	Columns	sqm	6	0.60		0.45	1.62		
		sqm	8	0.60		0.45	2.16		
		sqm	2	0.40		0.45	0.36		
							4.14		
							232.25	**265.00**	**61546.25**
	Basic rate	250.00							
	Area weightage 6%	15.00							
	Total	**265.00**							
	First floor roof Beams								
	B1	Sqm	2	13.80		0.45	12.42		
	B2	Sqm	10	13.80		0.75	103.5		
	B3	Sqm	2	9.68		0.45	8.71		
	B4	Sqm	2	5.75		0.45	5.175		
	B5	sqm	2	4.92		0.45	4.43		
	B6	sqm	2	5.75		0.45	5.175		
	B7	sqm	2	4.92		0.45	4.428		
	B8	sqm	2	9.68		0.45	8.71		
	B9	sqm	2	28.50		0.25	14.25		
	B10	sqm	2	28.50		0.25	14.25		
	Lift Beam	sqm	4	2.05		0.40	3.28		
		sqm	4	2.20		0.40	3.52		
	Lift Beam at lift room	sqm	4	2.05		0.40	3.28		
		sqm	4	2.20		0.40	3.52		
	Through Lintel	sqm	4	28.50		0.30	34.20		
		sqm	4	14.20		0.30	17.04		
		sqm	2	4.20		0.30	2.52		
		sqm	2	5.25		0.30	3.15		
		sqm	4	4.40		0.30	5.28		
		sqm	4	3.00		0.30	3.60		
		sqm	4	2.70		0.30	3.24		
							263.68		
	Deductions								
	Columns	sqm	8	0.40		0.30	0.96		
		sqm	8	0.60		0.30	1.44		
		sqm	6	0.60		0.30	1.08		
		sqm	10	0.40		0.30	1.20		
		sqm	6	0.60		0.30	1.08		
		sqm	4	0.60		0.30	0.72		
		sqm	4	0.40		0.30	0.48		
							6.96		
							256.72	**270.30**	**69391.42**
	Basic rate	250.00							

	Add lift charges for first floor	5.00							
	sub total	255.00							
	Area weightage 6%	15.30							
	Total	**270.30**							
20	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 16,Item No 4.38								
	Ground floor Staircase								
	Waist slab bottom	Sqm	1	8.80	1.20		10.56		
	Waist slab side faces	Sqm	2	8.80		0.35	6.16		
	rsises	Sqm	24		1.20	0.15	4.32		
							21.04	**493.96**	**10392.92**
	Basic rate	466.00							
	Area weightage 6%	27.96							
	Total	**493.96**							
	First floor Staircase								
	Waist slab bottom	Sqm	1	9.38	1.20		11.25		
	Waist slab side faces	Sqm	2	9.38		0.35	6.56		
	rsises	Sqm	26		1.20	0.15	4.68		
							22.49	**499.26**	**11229.61**
	Basic rate	466.00							
	Add lift charges for first floor	5.00							
	sub total	471.00							
	Area weightage 6%	28.26							
	Total	**499.26**							
21	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 16,Item No 4.37								
	Ground floor								
	Chajjas								
	North side bottom	Sqm	1	14.70	0.45		6.62		
	front	Sqm	1	14.70		0.10	1.47		
	side faces	Sqm	2	0.45		0.10	0.09		
	East side bottom	Sqm	1	12.40	0.45		5.58		
	front	Sqm	1	12.40		0.10	1.24		
	side faces	Sqm	2	0.45		0.10	0.09		
	Soouth side bottom	Sqm	1	14.70	0.45		6.615		
	front	Sqm	1	14.70		0.10	1.47		
	side faces	Sqm	2	0.45		0.10	0.09		
	West side bottom	Sqm	1	9.18	0.45		4.13		
	front	Sqm	1	9.18		0.10	0.92		
	side faces	Sqm	2	0.45		0.10	0.09		
							28.40	**278.78**	**7917.07**
	Basic rate	263.00							
	Area weightage 6%	15.78							
	Total	**278.78**							
	First floor								
	Chajjas								

		Sqm	2	1.05	0.45		0.95		
	front	Sqm	2	1.05		0.10	0.21		
	side faces bottom	Sqm	4	0.45		0.10	0.18		
							35.05	**284.08**	**9955.58**
	Basic rate	263.00							
	Add lift charges for first floor	5.00							
	sub total	268.00							
	Area weightage 6%	16.08							
		284.08							
22	Providing and laying in Mat for RCC roof at below the steel for avoiding concrete cement slurry as per the requirement of Engineer incharge.(Approved Data Rates)								
	Ground floor roof Slab	Sqm	1	28.10	13.80		387.78		
	First floor roof Slab	Sqm	1	28.10	13.80		387.78		
							775.56	**65.00**	**50411.40**
23	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M25 with OPCcement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cumn and fine aggregtes@ 0.47cum, with superplastisiser @3lts confirmingto IS9103-1999 reaffirmed 2008,machine mixed, concrete laid in layersnot exceeding 15 cms thick, vibrated for all work in foundation for fooiings,pedestals, retainingwalls, return walls, walls(any thickness) including attached plasters,columns, pillars, posts, struts, buttresses, bed blocks, anchor blocks, and plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No.KBS 4.1,4.6 Pg No 13 Item no.4.10								
	Footings C1	cum	9	3.71	3.71	0.65	80.52		
	C2	cum	5	3.30	3.30	0.60	32.67		
	C3	cum	3	2.40	2.40	0.40	6.91		
	CF1	cum	1	3.86	2.20	0.30	2.55		
	CF2	cum	1	8.46	2.30	0.30	5.84		
	CF3	cum	1	5.80	3.33	0.35	6.76		
	Column below GL						**135.25**		
	C1	cum	9	0.40	0.60	0.80	1.73		
	C1	cum	1	0.40	0.60	0.45	0.11		
	C2	cum	5	0.40	0.60	0.85	1.02		
	C2	cum	2	0.40	0.60	0.55	0.26		
	C3	cum	2	0.40	0.60	1.05	0.50		
	C3	cum	1	0.40	0.60	0.45	0.11		
	LB1	cum	2	2.20	0.20	1.70	1.50		

	LB2	cum	2	1.80	0.20	1.70	1.22		
	CF2_beam	cum	1	8.46	0.40	0.70	2.37		
	CF3_beam	cum	1	5.80	0.6	0.55	3.19		
	PLINTH BEAM						**12.01**		
	PB1	cum	1	8.58	0.20	0.60	1.03		
	PB2	cum	1	7.60	0.20	0.40	0.61		
	PB3	cum	2	3.50	0.20	0.40	0.56		
		cum	4	3.40	0.20	0.40	1.09		
		cum	1	3.40	0.20	0.40	0.27		
		cum	1	3.20	0.20	0.40	0.26		
		cum	1	1.75	0.20	0.40	0.14		
		cum	1	3.81	0.20	0.40	0.30		
		cum	1	3.81	0.20	0.40	0.30		
		cum	1	5.05	0.20	0.40	0.40		
		cum	1	5.15	0.20	0.40	0.41		
	PB4	cum	2	4.00	0.20	0.40	0.64		
		cum	2	3.60	0.20	0.40	0.58		
		cum	2	2.10	0.20	0.40	0.34		
							6.93		
							154.19	**6292.16**	**970180.63**
	Basic rate	5936.00							
	Area weightage 6%	356.16							
	Total	**6292.16**							
24	KSRB 4.2.7 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mmand down size graded granite metal coarse aggregates @0.47 cum with superplastisiser @3lts confirming toIS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thick ness) including attached plasters,columns,pillars,posts,struts.butters,string or lacing courses,parapets,coping,bed blocks,anchor blocks,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications.Specification No. KBS 4.1, 4.6 Pg No. 13 Item No. 4.12								
	Ground Floor								
	Columns upto beam bottom								
	C1	Cum	10	0.40	0.60	2.70	6.48		
	C2	Cum	7	0.40	0.60	3.00	5.04		
	C3	Cum	3	0.40	0.60	3.00	2.16		
	C4	Cum	4	0.20	0.40	3.20	1.02		
	Lintels						**14.70**		
	Through Lintel	Cum	2	14.20	0.20	0.30	8.52		
		Cum	3	17.50	0.20	0.30	15.75		
	Deductions						**24.27**		
	Columns	Cum	3	0.60	0.2	0.30	0.11		
		Cum	2	0.40	0.2	0.30	0.05		
		Cum	4	0.60	0.2	0.30	0.14		
		Cum	2	0.40	0.2	0.30	0.05		
		Cum	3	0.60	0.2	0.30	0.11		
							0.46		

							23.81		
	Staircase								
	Waist slab	Cum	2	3.35	1.20	0.20	1.61		
	Center Portion	Cum	1	2.10	1.20	0.20	0.50		
	Rise and threads	Cum	24	1.20		0.02	0.65		
				triangular area			**2.76**		
							41.28	**6438.44**	**265765.93**
	Basic rate	6074.00							
	Area weightage 6%	364.44							
	Total	**6438.44**							
	First Floor								
	Column								
	C1	Cum	10	0.40	0.60	3.10	7.44		
	C2	Cum	7	0.40	0.60	3.40	5.71		
	C3	Cum	3	0.40	0.60	3.40	2.45		
	C4	Cum	4	0.20	0.40	3.60	1.15		
							16.75		
	Through Lintel	Cum	2	28.50	0.20	0.30	17.10		
		Cum	2	14.20	0.20	0.30	8.52		
		Cum	1	4.20	0.20	0.30	1.26		
		Cum	1	5.25	0.20	0.30	1.58		
		Cum	2	4.40	0.10	0.10	0.88		
		Cum	2	3.00	0.10	0.10	0.60		
		Cum	2	2.70	0.10	0.10	0.54		
	Deductions						**30.48**		
	Columns	Cum	4	0.40	0.20	0.30	0.10		
		Cum	4	0.60	0.20	0.30	0.14		
		Cum	3	0.60	0.20	0.30	0.11		
		Cum	5	0.40	0.20	0.30	0.12		
		Cum	3	0.60	0.20	0.30	0.11		
		Cum	2	0.60	0.20	0.30	0.07		
		Cum	2	0.40	0.20	0.30	0.05		
							0.70		
	Staircase						**29.78**		
	Waist slab	Cum	1	3.35	1.20	0.20	0.80		
		Cum	1	3.93	1.20	0.20	0.94		
	Center Portion	Cum	1	2.10	1.20	0.15	0.38		
	Rise and threads	Cum	26	1.20		0.02	0.70		
				triangular area =			**2.83**		
							49.36	**6491.44**	**320398.00**
	Basic rate	6074.00							
	Add lift charges for first floor	50.00							
	sub total	6124.00							
	Area weightage 6%	367.44							
	Total	**6491.44**							

25	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar,with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete for beams,staircase,and roof with M-25. Pg No.18 Item No.4.49.2								
	Ground floor								
	Beams								
	B1	Cum	1	13.80	0.20	0.45	1.24		
	B2	Cum	5	13.80	0.40	0.75	20.70		
	B3	Cum	1	9.68	0.40	0.45	1.74		
	B4	Cum	1	5.75	0.40	0.45	1.04		
	B5	Cum	1	4.92	0.20	0.45	0.44		
	B6	Cum	1	5.75	0.20	0.45	0.52		
	B7	Cum	1	4.92	0.20	0.45	0.44		
	B8	Cum	1	9.68	0.40	0.45	1.74		
	B9	Cum	1	28.50	0.20	0.25	1.43		
	B10	Cum	1	28.50	0.20	0.25	1.43		
	Lift Beam	Cum	2	2.05	0.20	0.40	0.33		
		Cum	2	2.20	0.20	0.40	0.35		
							31.39		
	Roof	Cum	1	28.50	14.20	0.15	60.71		
	Deduct stair case and	Cum	1	4.61	3.35	0.15	-2.32		
							58.39		
	First floor								
	Beams								
	B1	Cum	1	13.80	0.20	0.45	1.24		
	B2	Cum	5	13.80	0.40	0.75	20.70		
	B3	Cum	1	9.68	0.40	0.45	1.74		
	B4	Cum	1	5.75	0.40	0.45	1.04		
	B5	Cum	1	4.92	0.20	0.45	0.44		
	B6	Cum	1	5.75	0.20	0.45	0.52		
	B7	Cum	1	4.92	0.20	0.45	0.44		
	B8	Cum	1	9.68	0.40	0.45	1.74		
	B9	Cum	1	28.50	0.20	0.25	1.43		
	B10	Cum	1	28.50	0.20	0.25	1.43		
	Lift Beam	Cum	2	2.05	0.20	0.40	0.33		
		Cum	2	2.20	0.20	0.40	0.35		
							31.39		
	Roof	Cum	1	28.50	14.20	0.15	**60.71**		
							181.88	**6410.88**	**1166031.85**
	Basic rate	6048.00							
	Area weightage 6%	362.88							
	Total	**6410.88**							